

**ABSTRACT**

According to the invention, the security and driving comfort on driving road vehicles is increased by the fitting thereof with automatic systems for distance control and traffic separation. The operating properties of vehicles fitted with such systems may be better adapted to traffic users merging into the lane thereof and the operating properties essentially better matched to those of a human vehicle driver, whereby an automatic traffic separation is carried out in which the position and speed of objects and traffic users are detected by a separation sensor. The vehicle is then subjected to a braking or acceleration, depending on said detected information. According to the invention, other information relating to the road layout from a navigation system or other data-bank containing road layout data is accessed, such that when the above information indicates that a detected traffic user under normal conditions is expected to merge into the lane of the road vehicle comprising said system, the driving properties of said road vehicle are matched to those of the detected traffic user.